PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Palent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 1449A/PTO **INFORMATION DISCLOSURE** STATEMENT BY APPLICANT

(use as many sheets as necessary) Sheet of 2

	Complete if Known
Application Number	UNKNOWN
Filing Date	CONCURRENTLY HEREWITH
First Named Inventor	BEDZYK ET AL.
Group Art Unit	UNKNOWN (434
Examiner Name	UNKNOWN M. Minyt
Attorney Docket Number	CL1686 US DIV

U.S. PATENT DOCUMENTS							
Examiner Initials *	Cite	Document Number	-Publication Date	Name of Patentee or	Pagas Columns Lines When		
	No.1	Number – Kind Code ² (if know		Applicant of Cited Document	Relevant Passages or Relevant Figures Appear		
		US-					
		US -					
		US -					
		US-					
		US -					
		US -		_			
		US -					
		US -					
		US -					
		US -					
		US -					
		US -					
		US -					
		US -					
		US -		3			
		US -					
		US -					
		US •					
		US -					
		US -					

				FORE	GN PATENT D	OCUMENTS		
Examiner Cite No.1	Cito	Foreign	Patent Doc	ument	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Γ
		CountryCode ³	Number ⁴	Kind Code ⁵ (if known)				т,
WW		wo	88/0202 5	A1	03/24/1988	SRI International		1
Muh		wo	92/1482 6	A1	09/03/1992	Ciba-Geigy AG		
MAM		EPO	0410228	A1	01/30/1991	Eniricherche		
Min		wo	9100913	A1	01/24/1991	DuPont		
V (11 / 1								N

Examiner Signature	MYhamidh	Date Considered	7/1/04	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the tow-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 10/31/2002, OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE to rescond to a collection of information unless it contains a valid OMB control number

United the rep	CIMOIKI	reconductivez or 1330, no pers	dis are required to respond to a conceder of the	TOTAL MAN TO THE REPORT OF THE PARTY OF THE
Substitute for form 1449A/PTO	ATION DISCLOSURE ENT BY APPLICANT Application Number, UNKNOWN Filing Date CONCURRENTLY HEREWITH First Named Inventor BEDZYK ET AL.			
	Application Number, UNKNOWN		UNKNOWN ·	
			Filing Date	CONCURRENTLY HEREWITH
STATEMENT BY APPLICANT		First Named Inventor	BEDZYK ET AL.	
			Group Art Unit	UNKNOWN CONCURRENTLY HEREWITH BEDZYK ET AL. UNKNOWN (4.36
			Examiner Name	UNKNOWN W. Warich
2	of	2	Attorney Docket Number	CL1686 US DIV

_		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	,
Examiner	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	τ²
MM		Stragier, P. et al., Molecular Genetics of Sporulation in Bacillus Sbutilis, Annu. Rev. Genet., Vol. 30, pp 297-341, 1996	
.1		Lazazzera, B. A. Quorum sensing and starvation: signals for entry into stationary phase, Curr. Opin. Microbiol. Vol. 3: pp. 177:182, 2000	
		Msadek, When the going gets tough: survival strategies and environmental signaling networks in Bacillus subtilis, T. Trends Microbiol. Vol. 7:pp, 201-207, 1999	
		Nakano et al., Anaerobic Growth of a "Strict Aerobe" (Bacillus Subtilis), Annu. Rev. Microbiol., Vol.52, 165-190, 1998	
1		Sun et al., Regulators of Aerobic and Anaerobic Respiration in Bacillus subtilis, J. Bacteriol. Vol. 178; pp. 1374-1385	
		DeRisi et al., Exployring the Metabolic and Genetic Control of Gene Expression on a Genomic Scale, Science, Vol. 278: pp. 680-686, 1997	
		Shimosaka et al., Molecular cloning and characterization of a chitosanase from the chitosanolytic bacterium Burkholderia gladioli strain CHB101, Appl. Microbiol. Biotechnol. Vol. 54(3), pp. 354-360, 2000	
		Masson et al., Primary Sequence of the shitosanase from Streptomyces sp. Strain N174 and comparison with other endoglycosidases, Gene, Vol. 140(1), pp. 103-107, 1994	
		Seki et al., Molecular Cloning of the Gene Encoding Chitosanase from Bacillus amyloliquiefaciens UTK, Adv. ChitinSci., Vol. 2, pp. 284-289, 1997	
		Kunst et al., The complete genome sequence of the Gram-positive bacterium Bacillus subtilis, Nature, Vol. 390(6657), pp. 249-256, 1997	
		Fawcett et al., The Transcriptional profile of early to middle sporulation in Bacillus subtilis, Harvard University, Department of Molecular and Cellular Biology, Vol. 97, pp 8063-8068, July 5, 2000	
		CHING-PING TSENG ET AL., Effect of microaerophilic cell growth conditions on expression of the aerobic (cyoABCDE and cydAB) and anaerobic (narGHIJ, frdABCD, and dmsABC) respiratory pathway genes in Escherichia coli", Journal of Bacteriology, Vol. 178, NO. 4, February 1996, pp. 1094-1098 XP002198735	С
		MICHIKO NAKANO ET AL., Adaptation of Bacillus subtilis to oxygen limitation, FEMS Microbiology Letters, Vol. 157, No. 1, 1997, pp. 1-7, XP002198736	
		HUGO CRUZ RAMOS ET AL., Anaerobic transcription activation in Bacillus subtilis: identification of distinct FNR-dependent and –independent regulatory mechanisms* EMBO Journal, Vol. 14, No. 23, 1995, pages 5984-5994, XP001059088	C
		ROWLAND ET AL., Sequence and genetic organization of a Bacilius subtilis operon encoding 2,3- dihydroxybenzoate biosynthetic enzyme* Gene: An International Journal on Gene and Genomes, Elsevier Science Publishers, Vol. 178, No. 1, October 31, 1996, pp. 119-123 XP004043349	
		BELINDA ROWLAND ET AL., Duplicate isochorismate synthase genes of Bacillus subtilis: Regulation and involvement in the biosynthesis of Menaquinone and 2,3-dihydroxybenzoate*, Journal of Bacteriology, Vol. 178, No. 3, 1996, pp. 854-861	
		DRZEWIECKI et al., The yvyD gene of Bacillus subtilis is under dual control of sigmaB and gibmaH*, Journal of Bacteriology, Vol. 180, No. 24, December 1998, pp. 6674-6680, XP002206759	
WW		JEAN ROCH MEUNIER ET AL., Saccharomyces cerevisiae colony growth and ageing; BiPlasic growth accompanied by changes in gene expression*, Yeast, Vol. 15, No. 12, September 15, 1999, pp. 1159-1169, XP008006068	
xaminer Signature		MMauch Date Considered 7/7/04	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.